Data Sheet
FUJITSU FUTRO S520
Thin Client

Convincing Simplicity

The FUJITSU FUTRO S520 is your versatile thin client for highly secure server-based computing and desktop virtualization. It reduces your TCO significantly compared to a standard PC through low hardware costs, high energy efficiency and minimal administration requirements. Its small footprint and low noise emissions contribute to a pleasant working environment. Finally, high product quality ensures a long lifecycle.

Energy efficiency
Saves energy and reduces carbon footprint
- Integrated system concept with high-level power-saving components

Compact design
Tidy desk with more space left
- The FUJITSU FUTRO S520 can be mounted behind a monitor

Ready for VDI and SBC
Benefit from the advantages of SBC and VDI
- Certified for market leading infrastructures

Cost effective
Excellent cost-performance ratio
- Designed for efficiency

System compatibility and manageability
Fits seamlessly into infrastructures, enables best-in-class management
- Choose Windows embedded or eLux™ embedded Linux OS

Technical details Components

Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1,600 MHz, PC3-12800, SO DIMM
Graphics	DVI to VGA Adapter
Interface add on cards/components (optional)	
	WLAN Atheros 802.11a/b/g/n
Base unit	FUTRO S520
Operating system and software (Linux)	
Operating system	eLux™ RP – Embedded Linux
Functions	Citrix® Receiver for Linux (for ICA / HDX protocol), V12.1.6.0-5 Citrix® HDX RealTime Media Engine, V1.4.0.902-1 VMware® View Client (for PCoIP protocol), V5.2.1.1-3 (optional) FreeRDP Client (for RDP protocol), V1.0.2.1-10 RDPConnect, V3.1-1 Adobe® Flash Player 11 for Linux, V11.2.202.297-1 Mozilla Firefox® Browser, V17.0.5-3 VPN System, V4.1-1 ThinPrint® client, V7.0.41-1 Bios_tools for remote BIOS updates via Scout Enterprise), V1.0-1 PowerTerm InterConnect, V7.1.2-3, (requires additional license for activation) Updates and all available software packages for eLux™ RP can be downloaded from www.myelux.com
Manageability	Scout Enterprise, flash memory management, embedded operating system update and system monitoring, BIOS update, managing devices by location, group or user, individual operating system composition with ELIAS (Scout Enterprise license required)
Operating system and software (Windows)	
Mainboard	
Mainboard type	D3314
Processor options	AMD G-Series GX-210HA (1.00 GHz, Dual Core, 1 MB, AMD Radeon™ HD 8210E)
Storage	4 GB microSSD flash memory module with MLC technology
LAN	Built-in 10/100/1,000 MBit/s
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC671
Interfaces	
	FUTRO S520
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: line-in / microphone	1
USB 2.0 total	2
USB 3.0 total	2
USB front	2
USB rear	2
DVI	2 (1x DVI-I and 1x DVI-D; integrated VGA can be used with optional DVI-VGA adapter)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Graphics brand name	AMD Radeon™ HD 8210E (in combination with AMD G-Series GX-210HA)

Graphics color depth	32 bit colors
Shared video memory	up to 256 MB
TFT resolution (VGA)	up to 1,920 x 1,200 pixel
TFT resolution (DVI)	up to 1,920 x 1,200 pixel
Graphics features	DirectX 11 Shader Model 5 Open CL® 1.1 (depending on CPU) OpenGL® 4.1
Graphics notes	Graphics resolution depending on operating system and management solution.

Network

Network	TCP/IP with DNS and DHCP Point-to-Point protocol Supported Citrix Load Balancing over ICA DHCP support for automatic firmware upgrades and unit configuration Multiple master browser support on ICA

Electrical values

Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	100 V - 240 V (AC Input)
Operating line frequency range	50 Hz - 60 Hz

Power consumption

Power consumption: Maximum (S0, running appl.)	7,94 W
Power consumption: Idle (S0, running OS, Idle mode)	6,18 W
Power consumption: Minimum (ACPI status S5, soft off, WOL enabled)	0,59 W

Dimensions / Weight / Environmental

Dimension with stand (W x D x H)	88 x 172 x 185 mm
Operating position	Vertical / horizontal
Weight	0,85 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35 °C
Operating relative humidity	5 - 85 % (relative humidity)

Compliance

Product	FUTRO S520
Model	TCS3-D3314
Compliance notes	Energy Star compliance may vary depending on actual configuration
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates

Security

System and BIOS Security	Write protection for the Flash module

Warranty

Standard Warranty	2 years (depending on country)
Service level	Bring-in Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations, minimum: 2 years material warranty)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Maintenance and Support Services - the perfect extension

Recommended Service	9x5, Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

Display B24W-6 LED

The FUJITSU Display B24W-6 LED combines the best ergonomic and energy saving solutions for intensive office use. The flexible stand with height adjust assures an individual and healthy posture for long-time working sessions. With its impressive screen size it allows working on different documents in parallel or standard CAD applications.

Order Code:
S26361-K1427-V140

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU FUTRO S520, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about FUJITSU FUTRO S520, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/FUTRO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment

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